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Germinate to Seeds for Needs Basic and PLANTS about Worksheet الملف

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SK Catholic English  
Science Year 2  
PdPR Week 15  
Wednesday 5<sup>th</sup> May 2021

**UNIT 5 PLANTS**  
**Observing the**  
**Basic Needs of a Plant**

Plants require the basic needs for growth. Plants will wither and die if any basic need is lacking.



Water, air, and sunlight are basic needs of plants. Nutrients help plants to grow and stay healthy.



**I Investigate:**

**Observing the basic Needs of a Plant**

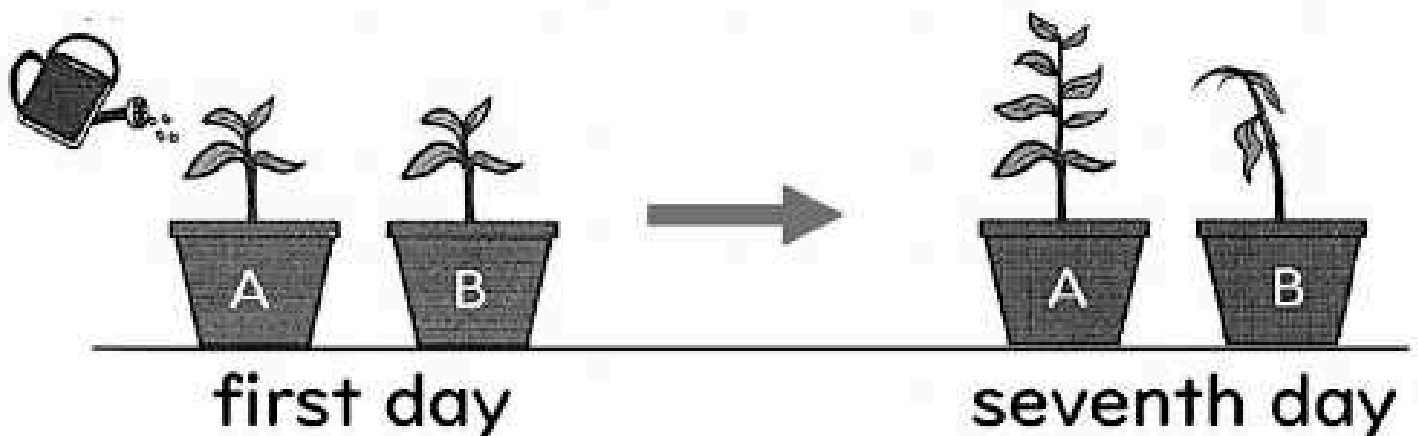
### **Apparatus and Materials:**

- Plants A and B
  - of the same type and size
- Water

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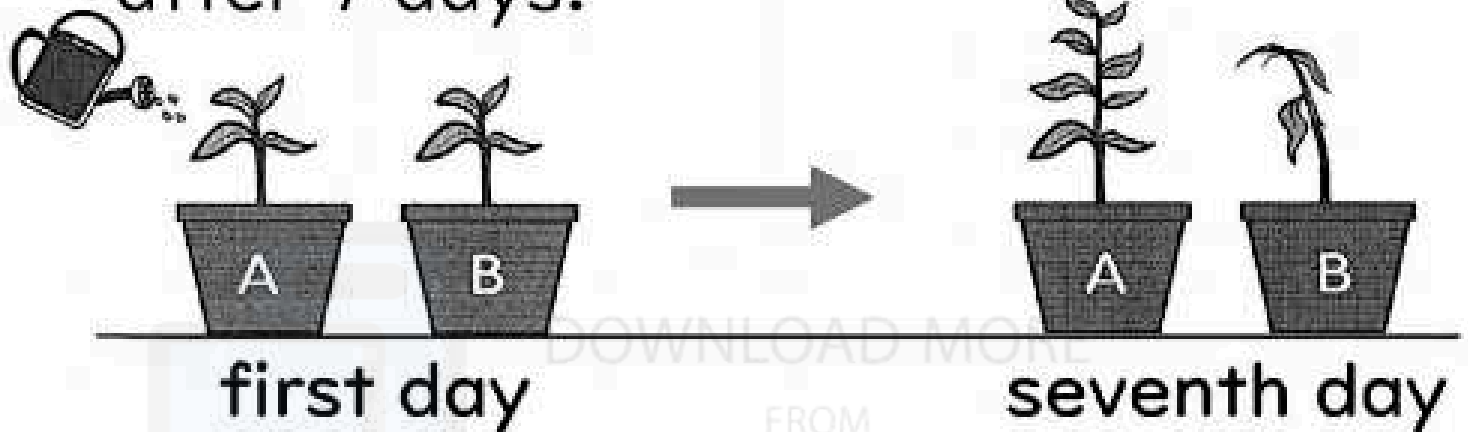
### **Steps:**

1. Place plants A and B outside the classroom. Water plant A every day.



## Observation:

2. Complete the table with your observation on the number of leaves after 7 days.



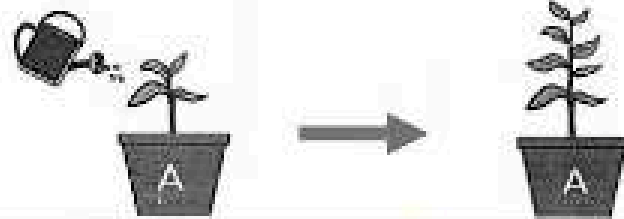
The growth of plant A is better because it has sufficient basic needs such as water, air, and sunlight.

Plant	Number of leaves	
	First day	Seventh day
Plant A (watered)	4	
Plant B (not watered)	4	

## Questions

1. Which plant grows better? Why?

Plant



Because

.. لديها احتياجات أساسية كافية مثل

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2. Complete the statement below:

, ,

and  are the basic

needs for a plant's growth.



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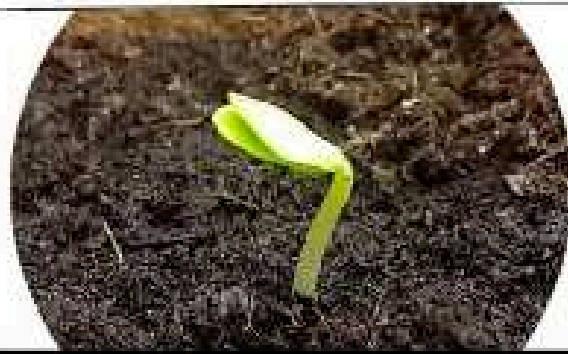
These are cucumber seeds. These seeds are kept in a plastic bag.

The seeds will not germinate unless they are removed from the plastic bag.

This is because the plastic bag protects the seeds from the **air**, and **water**.

The seeds also need **suitable temperature** to germinate.

The seeds that get **air**, **water**, and **suitable temperature** will germinate.



**Germinated Cucumber Seed**



**Young Cucumber Plant**

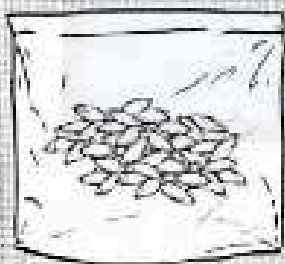
Once the cucumber seed has germinated into a young plant, it needs **air**, **water**, and **sunlight** for growth. The young cucumber plant also needs **nutrients** from soil or fertilizer in order to grow into a healthy cucumber plant.



# My Cucumber Plant

Write the basic needs for cucumber seeds to germinate and grow well.

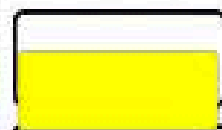
## Germination of cucumber seeds



cucumber seed

The cucumber seed will germinate if it is removed from the plastic bag because seeds need

Seeds also need



and suitable



to germinate.

# My Cucumber Plant

Write the basic needs for cucumber seeds to germinate and grow well.

## Basic Needs of Cucumber Plant



young cucumber plant

After it germinates, the young cucumber plant needs air,



, and



for growth.

The young cucumber plant also

needs

